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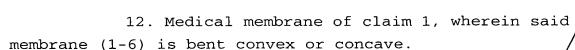
Claims

Annex to the international preliminary examination report

1. Medical membrane (1-6) for arranging in a dentine cavity of a tooth for capping of a pulp exoposure wherein said medical membrane comprises at/least one roughened surface which has a porous and/or reticular structure.

- 2. Medical membrane (1-6) of claim 1, wherein said membrane is essentially impermeable to a sealant or to a cement.
- 3. Medical membrane (1-6) of claim 1, wherein the percentage of the pores or of the mesh of the porous and/or reticular surface is higher than 20 %.
- 4. Medical membrane (1-6) of claim 1, wherein the average diameter of the pores and/or the width of mesh is between 0.5 μ m and 200 μ m.
- 5. Medical membrane (1-6) of claim 4, wherein said average diameter of the pores and/or the width of mesh is between 1 μ m and 100/ μ m.
- 6. Medical membrane (1-6) of claim 1, wherein said membrane is self adheshive to the dentine or is adhesive to the dentine due to/an adhesive coating.
- 7. Medical membrane (1-6) of claim 1, wherein said membrane has a surface of less than 100 mm^2 .
- 8. Medical membrane (1-6) of claim 7, wherein said membrane has a surface of less than 50 mm 2 .
- 9. Medical membrane (1-6) of claim 1, wherein said membrane has a thickness of less than 3 mm.
- 10. Medical membrane (1-6) of claim 9, wherein said membrane/has a thickness of less than 0.5 mm.
- 11. Medi¢al membrane of claim 1, wherein said 35 membrane (1-6) has a round or oval shape.

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- 13. Medical membrane (1-6) of claim 1, wherein said membrane (1-6) comprises reinforcements which make said membrane plastically deformable.
 - 14. Medical membrane (1-6) of claim 1, wherein said membrane comprises a carrier foil which partially or fully covers and/or overlaps one side of said membrane.
- 15. Medical membrane (1-6) of claim 1, wherein said membrane (1-6) comprises an overlapping carrier foil (13-18) wherein said overlapping part of said carrier foil adheres to the dentine.
- 16. Medical membrane (1-6) of claim 1,

 wherein said membrane (1-6) comprises a carrier foil (13
 18) which does not form any adhesive connection to a restorative material.
- 17. Medical membrane of claim 1, wherein said membrane (1-6) comprises a carrier foil (13-18) which 20 does form an adhesive connection to a restorative material.
 - 18. Medical membrane (1-6) of claim 1, wherein said membrane is made of a non-reabsorbable material, preferably polytetrafluoroethylene or titanium.
 - 19. Medical membrane (1-6) of claim 1, wherein said membrane is made of a reabsorbable material.
 - 20. Medical membrane (1-6) according to claim 19, wherein said membrane is made of collagen.
 - 21. Medical membrane (1-6) of claim 1,
- wherein said membrane comprises an active compound or a growth factor, respectively, which have an bacteriostatic or bactericidal effect or which stimulate cell attachment, cell integration and tissue formation, respectively.
- 35 22. Medical membrane (1-6) of claim 1, wherein said membrane is impermeable to ions and to molecules.



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- 23. A set of medical membranes (1-6) of claim 1, wherein said set comprises membranes of different size and wherein the size of said membranes is smaller than 50 mm^2 .
- 24. A method for the application of a medical membrane in dentistry, comprising the following steps:
 - a) positioning of a membrane on the area of/a cavity where the pulp is exposed,
 - b) filling the cavity above said membrane with a restorative material.
- 25. Method of claim 24, wher∉in said membrane is in contact with the dentine surrounding the area of the exposed pulp.
- 26. A device for the app/lication of a medical membrane (1-6) in a cavity of a tooth comprising a handle and a removable skeleton form.
- 27. The device of claim 26, wherein said removable skeleton form is suitable to remain in the cavity and usable to be embedded in a filling in the cavity.
- 28. Kit for the treatment of pulp exposures comprising at least a medical membrane (1-6) of claims 1-22 and a device for the application of a medical membrane in a cavity of claims 26/and 27.
- 29. Medical/membrane (1-6) for arranging in a dental cavity of a tooth for capping of a pulp exposure 25 wherein said medical membrane comprises at least one roughened surface which is suitable for the attachment of fibrin fibers and/ ϕ r for the attachment of pulp cells.